

PATENT 0465-1134P

# IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Ho Seon CHOI et al. Conf.: 5949

Appl. No.: 10/829,229 Group: 1724

Filed: April 22, 2004 Examiner: UNKNOWN

For: AIR CLEANER AND METHOD OF CONTROLLING

OPERATION THEREOF

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION AFTER FILING OF AN APPLICATION
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE
OR CONCURRENTLY WITH A RULE 1.114 RCE APPLICATION)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

December 29, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

# I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449(s), attached hereto.

# II. COPIES (check at least one box)

- a. 

  Copies of cited U.S. patents and patent application publications are not included. 

  Copies of foreign patent documents and non-patent literature are included.
- b. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

# III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

# a. DOCUMENTS IN THE ENGLISH LANGUAGE

The patents, publications, or other information listed on the attached PTO 1449 are in the English language and therefore, do not require a statement of relevancy.

# b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

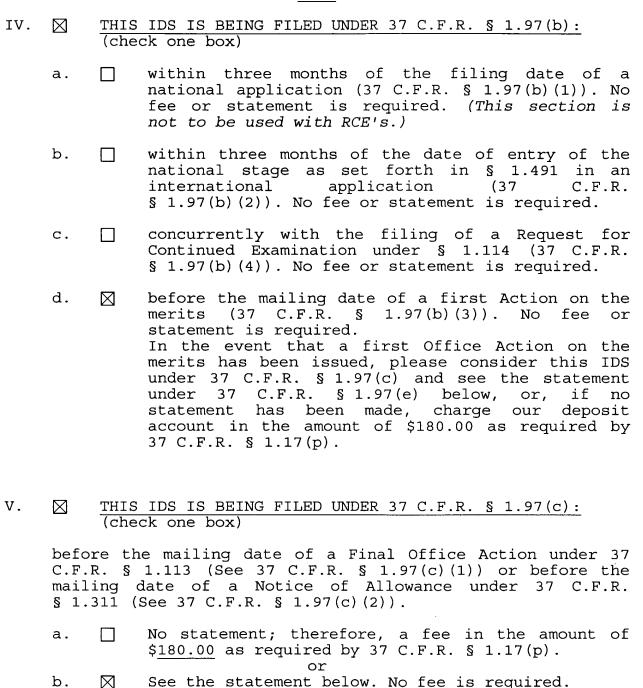
#### C. MENGLISH LANGUAGE SEARCH REPORT

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

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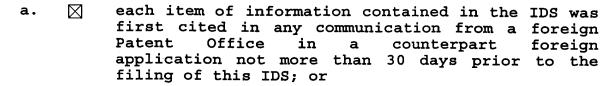
The following additional information is provided for the Examiner's consideration.

### FEES



# VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that



- b. 
  each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- c. no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- Some of the items of information were cited in a d. communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. PAYMENT OF FE	EES (check one box)
☐ A check C.F.R. fee.	in the amount of \$180.00 as required by 37 § 1.17(p) is enclosed for the above-identified
amount :	charge Deposit Account No. 02-2448 in the required by 37 C.F.R. § 1.17(p) for the above-ed fee. This paper is submitted in triplicate.
$\boxtimes$ No fee :	s required.
he/she is reques determined that t the PTO is reques	iner has any questions concerning this IDS, sted to contact the undersigned. If it is his IDS has been filed under the wrong rule, ted to consider this IDS under the proper rule propriate fee to Deposit Account No. 02-2448.
this, concurrent, credit any overpa additional fees re	r, the Commissioner is hereby authorized in and future replies, to charge payment or ayment to Deposit Account No. 02-2448 for any equired under 37 C.F.R. § 1.16 or under § 1.17; ension of time fees.
	Respectfully submitted,
	BIRCH, STEWART, KOLASCH & BIRCH, LLP
	By July J. July #41,458  James T. Eller, Jr., #39,538
JTE:cms 0465-1134P	P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000
Attachment(s): 🛛	PTO-1449
	Documents
$\boxtimes$	Foreign Search Report
	Fee
	Other:

Form PTO-1449				ATTY. DOCKET NO.   APPLICATION NO.   10/829,229						
INFORMATION DISCLOSURE CITATION					APPLICANT					
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DE S	DEC 2 9 2004 Se several sheets if necessary)			FILING DATE April 22, 2004		GROUP 1724				
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EXAMINER INITIAL	DOCUMENT NUMBER		Kind	DATE	NAME	CLASS	CLASS	IF APPE	OPRIATE	
	US 5,538,471		A	1996-07-23	Guiles, Jr. et al.					
	US 5,024,263			1991-06-18	Laine et al.			_		
	US 4,437,608			1984-03-20	Smith					
	US						1			
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FOREIGN PATENT DOCUMENTS										
	Office	DOCUMENT		DATE	COUNTRY	CLASS	SUB CLASS	TRANS	ATION	
		NUMBER						YES	NO	
	EP	1 114 970	A	2001-07-11	EUROPEAN PATENT OFFICE			Х		
	EP	0 909 926	A1	1999-04-21	EUROPEAN PATENT OFFICE		:			
					(W/ABSTRACT)					
	JP	10 009634	А	1998-01-16	JAPAN					
					(ABSTRACT ONLY)					
	JP	07 019574	A	1995-01-20	JAPAN					
					(ABSTRACT ONLY)					
-	JР	59 038541	A	1984-03-02	JAPAN					
					(ABSTRACT ONLY)					
	JP	59 205539	A	1984-11-21	JAPAN					
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OTHER	DOCUM	MENTS (Include Nam	e of the auth	or (in CAPITAL LETTERS),	title of the article (when appropriations, city and/or country where p	iate), tit	le of the ite	em (book, n	agazine,	
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EXAMINER: In considered.	nitial if cita Include cop	ation considered, whethe y of this form with next	r or not cita communicatio	tion is in conformance w on to applicant.	ith M.P.E.P. 609; Draw line through	citation	if not in co	niormance a	and not	